

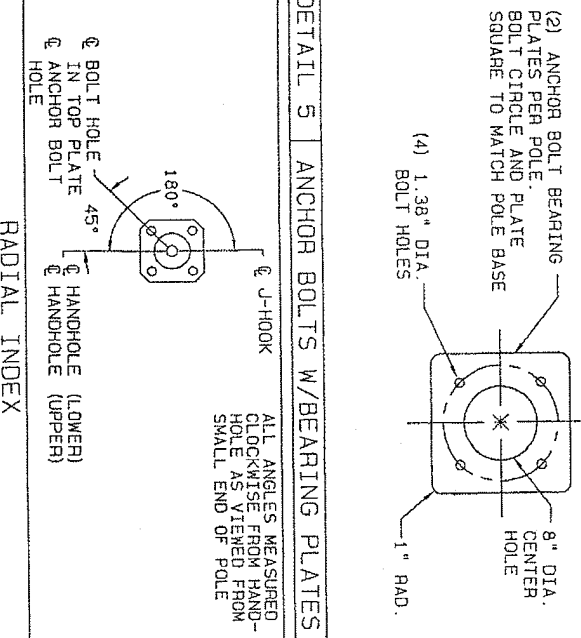
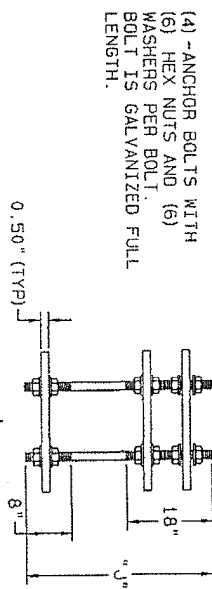
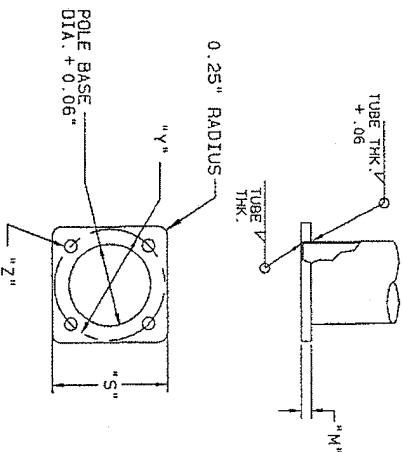
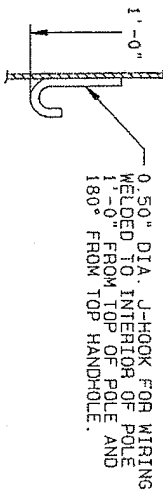
MATERIAL DATA									
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)	COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)				
POLE SHAFT-0.188/0.250	A572 GR. 65	65	GALVANIZING	A123 & A153					
POLE TOP PLATES	A36	36							
CAMERA CONNECTING BOLTS	F593	65							
BASE PLATE	A36	36							
ANCHOR BOLTS	A449	81							
BEARING PLATE	A36	36							

POLE DATA

POLE HEIGHT	POLE TUBE			POLE BASE			ANCHOR BOLT
	QTY.	BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GUAGE OR THICK (IN)	SQUARE OR BOLT THK. (IN)	
30'	13.20	9.00	30.00	0.188	25.00	25.50	1.25
40'	14.60	9.00	40.00	0.250	25.00	25.50	1.25
50'	17.00	10.00	50.00	0.250	25.00	25.50	1.25

- NOTES:
1. POLE SHAFTS ARE 12 SIDED WITH 4.0" BEND RADIUS AND 0.14" TAPER.
 2. PLEASE VERIFY POLE TOP CAMERA PLATE, DETAIL 1, TO ASSURE THE DIMENSIONS OF THE PLATE, BOLT CIRCLE, AND BOLT HOLES ARE ADEQUATE FOR THE REQUIRED CAMERA PRIOR TO RELEASING POLES FOR MANUFACTURING.

DESIGN CRITERIA:
2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS.
-25 YEAR DESIGN LIFE/RECURRENT INTERVAL
-FATIGUE NOT CALCULATED FOR STRUCTURES LESS THAN 55'-0"
WIND VELOCITY:
90 MPH ISOTACH
MAXIMUM POLE DEFLECTION SHALL NOT EXCEED 0.7" IN 30 MPH WIND OR 1.4" IN 70 MPH WIND.
LOADING: (1) CAMERA - 4.0 SQ. FT. @ 52' (1) DISH - 12" DIA. @ 50'



C	CAH 05/19/06	CAH 05/19/06	ADDED NOTE NO. 2	
B	CAH 05/16/06	CAH 05/16/06	REVISED AB BEARING PLATE BOLT HOLE DIA.	
A	JKC 05/03/06	JKC 05/03/06	REV. SHAFT SIZES/DELETED TOP PLATE ASSY	
	JKC 04/25/06	JKC 04/25/06		
REV	DRAWN BY-DATE	CHECK BY-DATE	DESCRIPTION	

STATE OF WASHINGTON
CAMERA POLES

APPROVED
Manufacturer's Pole Plan
Approved For Listing As A
Pre-Approved Drawing
WSDOT Bridge & Structures Office
By GB Date 5/23/2006



Barry N. Stadler

EXPIRES 8/2/06

VALMONT INDUSTRIES, INC. RESERVES
THE RIGHT TO INSTALL VARIOUS,
ENGINEER APPROVED, MATERIAL HANGING
ACCOMMODATIONS TO FACILITATE THE
MANUFACTURING PROCESS.

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